Message

From: Strynar, Mark [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP

(FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=5A9910D5B38E471497BD875FD329A20A-STRYNAR, MARK]

Sent: 10/3/2019 4:49:57 PM

To: Wendelken, Steve [Wendelken.Steve@epa.gov]
CC: Leung, Lam-Wing H [LAM.H.LEUNG-1@chemours.com]

Subject: RE: structures in presentation

Okay Steve thanks. So this means the isomer in the method and the isomer we find near Chemours in North Carolina are not the same.

I appreciate the clarification.

Mark

From: Wendelken, Steve < Wendelken. Steve@epa.gov>

Sent: Thursday, October 03, 2019 9:17 AM **To:** Strynar, Mark < Strynar.Mark@epa.gov>

Cc: Leung, Lam-Wing H < LAM.H.LEUNG-1@chemours.com>

Subject: RE: structures in presentation

Hi Mark

The structures are correct. I believe both were purchased from Synquest:

PFMPA

http://www.synguestlabs.com/search-result.html?q=377-73-1&st=*&commit=Search

PFMBA

http://www.synguestlabs.com/product/id/24930.html

Cheers!

Steven C. Wendelken, PhD U.S. EPA, OGWDW/TSC 26 W. Martin Luther King Dr. Cincinnati, Ohio 45268

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wendelken.steve@epa.gov

From: Strynar, Mark < Sent: Wednesday, October 02, 2019 4:15 PM">PM

To: Wendelken, Steve < Wendelken.Steve@epa.gov > Cc: Leung, Lam-Wing H < LAM.H.LEUNG-1@chemours.com >

Subject: structures in presentation

Hi Steve,

My name is Mark Strynar in ORD. My colleague Lam Leung at Chemours brought your presentation to my attention. In your slides on slide #6 you shown linear isomers of the chemicals branched versions we call PEPA and PMPA and find in North Carolina samples. These structures are inconsistent with what Chemours is being asked to measure for in NC. I wanted to just get clarification. I am wondering if these were the isomers that could be purchased commercially or if the structures are just not accurate?

PFMPA https://comptox.epa.gov/dashboard/dsstoxdb/results?search=DTXSID70191136 PMPA https://comptox.epa.gov/dashboard/dsstoxdb/results?search=DTXSID80528474

PFMBA https://comptox.epa.gov/dashboard/dsstoxdb/results?search=DTXSID60500450 PEPA https://comptox.epa.gov/dashboard/dsstoxdb/results?search=DTXSID60896486

Thanks, Mark

Dr. Mark J. Strynar Physical Scientist US EPA National Exposure Research Laboratory 919-541-3706 Strynar.mark@epa.gov